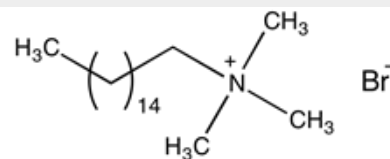


**Identification**

$C_{19}H_{42}BrN$   
 M = 364,46 g/mol  
 CAS [57-09-0]  
 EC number: 200-311-3  
 Taric code: 2923 90 00


**Synonyms**

Cetrimonium bromide, Trimethylhexadecylammonium bromide, N-Cetyl-N,N,N-trimethylammonium bromide, CTAB

**Applications**

chromatography, detergent, antiseptic, laboratory reagent, synthesis of organic products.

**Specifications**

assay (argentometric)..... min. 96 %

**Physical data**

- Bulk density: ~ 390 kg/m<sup>3</sup>
- Solub. in water: (20 °C): 3 g/l
- Melting point: 237 - 243 °C
- pH(50 g/l H<sub>2</sub>O, 20 °C) 5 - 7

**Safety - GHS**

**Signal Word:** Danger

**Hazard Statements:**

- H302: Harmful if swallowed.  
 H315: Causes skin irritation.  
 H318: Causes serious eye damage.  
 H335: May cause respiratory irritation.  
 H373: May cause damage to organs through prolonged or repeated exposure.  
 H410: Very toxic to aquatic life with long lasting effects.


**Precautionary Statements:**

- P260: Do not breathe dust / fume / gas / mist / vapours / spray.  
 P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P310: Immediately call a POISON CENTER or doctor / physician.  
 P321: Specific treatment (see on this label).  
 P405: Store locked up.  
 P501a: Dispose of contents / container in accordance with local / regional / national / international regulations.

**Transport/storage**

- ADR: 9 M7 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hexadecyltrimethylammonium bromide)
- IMDG: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hexadecyltrimethylammonium bromide)
- IATA/ICAO: 9 III • UN 3077 • ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.(Hexadecyltrimethylammonium bromide)
- PAX: 911
- CAO: 911
- 5°C - 30°C